ARTISAN INDUSTRIES INC

DESIGN DATA QUESTIONNAIRE

Email Questionnaire

Please provide the following information as comprehensively as is possible. Thank you.

Company: _____ **Date:** _____

Contact Name: _____ **Address:** _____

Contact Telephone No: _____ **City, ST ZIP:** _____

Contact Fax No: _____ **Country:** _____

Problem Definition: _____

The Process Is this part of an existing process? **YES** ☐ **NO** ☐

If yes, what technology is currently used? _____

What is the reason for change? _____

Mass Balance

	Units	1	2		3		4	
Stream Description		Feed						
Flow Rate								
Temperature								
Pressure								
Viscosity								
Phase								
Component	MW	Mass %	Mass %	Yield	Mass %	Yield	Mass %	Yield
1								
2								
3								
4								
Undissolved Solids								

Operating Conditions

Maximum Operating Temp

Recommended Op. Pressure

Potential Process Problems

Heat Sensitive ☐ Details:

O_2 Sensitive ☐ Details:

Moisture Sensitive ☐ Details:

Shear Sensitive ☐ Details:

Viscous ☐ Details:

High Melting Point ☐ Details:

Fouling ☐ Details:

Foaming ☐ Details:

Operation

Continuous ☐ Hours per Day

Semi-Continuous ☐ Days per Week

Batch ☐ Weeks per Year

Warm-up Time (hrs)

Utilities Available

		Flow Rate	Pressure	@	Supply Temp	Return Temp	Composition			
							Name	Wt%	Name	Wt%
	Units									
Heating:	Steam, HP									
	Steam, LP									
	Cond Return									
	Hot Oil									
	Other									
Cooling:	Water									
	Other									
Instrument Air										
Nitrogen										
Vacuum										

Scope of Supply

- ☐ Equipment Only
- ☐ System
- ☐ Artisan to specify scope
- ☐ Customer to specify scope ← If checked at left, please also check the following or attach a separate list outlining all requirements.

Feed System
- ☐ Tanks
- ☐ Pumps
- ☐ Heat Exchangers

Distillate System
- ☐ Tanks
- ☐ Pumps
- ☐ Heat Exchangers

Bottoms System
- ☐ Tanks
- ☐ Pumps
- ☐ Heat Exchangers

Vacuum System ☐

Instrumentation and Control
- ☐ Field Instruments
- ☐ Local Panel
- ☐ Remote Panel Interface

Other _____

Level of Process Control (for general guidance only)

- Fully manual ☐
- Run unattended ☐
- Auto startup/shutdown ☐

Location of Controls

- Local panel by Artisan ☐
- Remote PLC/DCS by others ☐
- Remote PLC/DCS by Artisan ☐

Materials of Construction

- Process Contact _____
- Non-process Contact _____
- Gaskets / Valve Seats _____

Type of Actuation

- Pneumatic ☐
- Electronic ☐

Space Available

- Headspace ☐
- Area [X]

Location of Installation

- Indoors ☐
- Outdoors ☐

Electrical Area Classification

- Class [ ]
- Group [ ]
- Division [ ]

Design Codes / Requirements

- ASME Code Stamp ☐
- NB Registration ☐
- Other ☐ _____